# Climate Change Research Program Webinar

November 17, 2017



## **Strategic Growth Council**

- Brings together State agencies and departments to coordinate activities that support sustainable communities
- Emphasizes strong economies, social equity and environmental stewardship
- Awarded over \$465 million, to date



## **Climate Change Research Program**

- Competitive Grant Program
- \$11 million California Climate Investments
- Supports "research on reducing carbon emissions, including clean energy, adaptation, and resiliency, with an emphasis on California"



### **Program Requirements**

#### Eligible research must:

- Facilitate the reduction of greenhouse gas emissions in California
- Benefit low-income or disadvantaged communities

#### Researchers must be affiliated with:

- University of California
- California State University
- Federally-funded national laboratories
- Private, non-profit colleges and universities



Program Timeline	
November 17 <sup>th</sup>	Public/Stakeholder Engagement begins
December 5 <sup>th</sup>	Staff Report: Update to the Strategic Growth Council
December 8 <sup>th</sup>	Staff Report: Update to the Integrated Climate Adaptation and Resiliency Program's Technical Advisory Council
December 15 <sup>th</sup>	Public Comment Period closes
January 19 <sup>th</sup>	Final Draft Research Investment Plan and Grant Solicitation Guidelines Posted
January 29 <sup>th</sup>	Council votes to adopt the Research Investment Plan and Grant Guidelines
January 30 <sup>th</sup>	Notice of Funding Availability (NOFA) released - proposal submission for award consideration
February 5 <sup>th</sup>	Application Workshops begin
February 28 <sup>th</sup>	Proposal Submissions due
March (TBD)	Proposal Review / Scoring – Develop the award recommendations list
March (TBD)	Posting of staff recommendations for funding research projects/partnerships
March (TBD)	Council votes on project awards
June 30th, 2019	Deadline for grantees to expend awarded funds



## **Program Goals**



## **Program Goals**

Seven program goals

 Goals reflect legislative direction, input from Council members, and SGC's vision and mission

 Goals will inform scoring criteria and should be reflected in project narrative of applicants



## Program Goals (1-4)

- 1. Invest in research that has a clear and demonstrated connection to the State's climate change goals
- 2. Advance research to support low-income and disadvantaged communities and achieve equitable outcomes
- 3. Augment, build connection across, and fill gaps in current research programs
- 4. Outcome-based research linked to practical climate action



## Program Goals (5 – 7)

- 5. Meaningful engagement at all stages of the research process (stakeholders, community-based organizations, etc)
- 6. Advance a common foundation for research studies (e.g., climate models, projections, emission scenarios)
- 7. Leverage and complement existing research funding and policy innovations



# Proposed Program Structure



### **Proposed Program Structure**

#### Research Project Grants

- Individual researchers or research groups
- Specific research topic
- One-year project
- \$100,000 \$300,000 per grant

#### Research Partnership Grants

- Research consortia, centers, collaboratives, etc
- Linked with additional funds
- Collaborative model
- \$2 to \$4 million per grant



# Priority Research Areas and Research Topics



### **Priority Research Areas**

 Broad areas of inquiry designed to advance SGC's mission and the State's climate change goals

- Areas can be addressed through two means:
  - Research Project Grant: One year project to address a single research topic within a Priority Research Area
  - Research Partnership Grant: Collaborative approach to address a Research Priority Area (or Areas) through research



# #1: Supporting and Protecting Vulnerable Communities from the Impacts of Climate Change

- Defining vulnerability in the context of a changing climate
- Defining community resilience
- Developing tools to identify and evaluate climate change "hot spots"
- Resources and support needed to support climate actions in disadvantaged or low-income communities



# **#2: Integrating Land Use, Conservation, and Management into California's Climate Change Programs**

- Identifying and prioritizing high-value public and private lands, across multiple criteria, for conservation
- Integrating climate change risk into development planning
- Maximizing investments to support resilient carbon storage
- Achieving mitigation and adaptation goals through investments in natural and working lands



# #3: Increasing Data Accessibility and Planning Support for State, Local, and Regional Climate Change Planning

- Building on the State's existing data and tools to support climate change planning
- Understanding and visualizing climate change risks
- Visualizing multiple climate risks
- Informing hazard mitigation



# #4: Accelerating and Supporting Transitions to Climate Smart Communities

- Environmental, economic, and social implications of innovative mobility options (e.g., pricing strategies, parking requirements)
- Drivers and barriers of active transportation
- Urban heat island mitigation
- Understanding location and highest and best use of waste feedstocks in the state



# Workshops and Commenting Process



### Workshops

#### **Oakland**

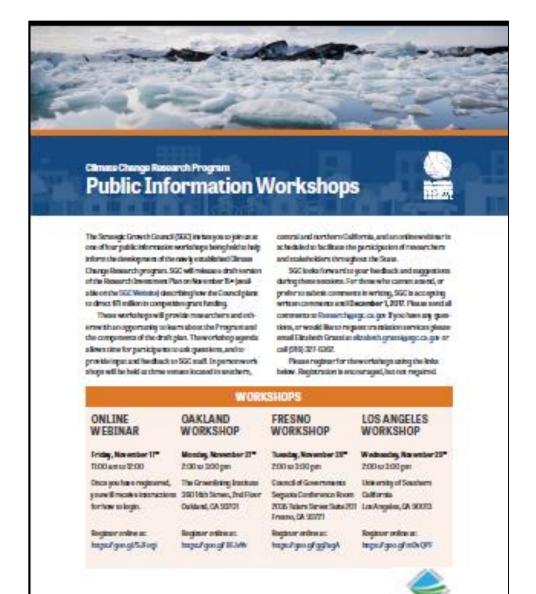
- Monday, November 27<sup>th</sup>
- 2:00-3:00 PM

#### Fresno

- Tuesday, November 28<sup>th</sup>
- 2:00-3:00 PM

#### Los Angeles

- Wednesday, November 29th
- 2:00-3:00 PM





#### **Public Comment Period**

The draft Research Investment Plan does not represent the fully proposed Plan for the Climate Change Research Program.

- Revisions will be made to:
  - Provide greater clarity on the SGC's vision for the program, and
  - Reflect public comments that are received

- SGC is currently accepting written public comments
- Due by 5:00 p.m. on Friday, December 15<sup>th</sup>



#### **Submit written comments**

Research@sgc.ca.gov

SGC [D-RIP]

1400 Tenth Street

Sacramento, CA 95814

Visit the SGC Website for the latest information about this and other programs

http://sgc.ca.gov/



## **Discussion and Questions**



#### **Discussion Questions**

Project Goals: Are critical goals missing?

- Priority Research Areas and Research Topics:
  - What is missing?
  - Is there ongoing work that should be leveraged?
  - Are there models of engagement that we should look to?

